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SEQUENCE LISTING



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<120> PROCESS FOR DETECTION OF THE PRESENCE OF BIOLOGICAL
MATTERS OF BOVINE ORIGIN, AND OLIGONUCLEOTIDES FOR
CARRYING IT OUT

<130> 97MACNRVIN

<140> 09/423,259
<141> 2000-03-02

<160> 19

<170> PatentIn Ver. 2.1

<210> 1
<211> 43
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

Bovine
<400> 1

taatgtccat gcttattcatt atgctggtgc tcaagatgca gtt

43

<210> 2
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 2
ytatcattat gctgg

15

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 3
catgcytatac attatgctgg

20

<210> 4
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 4
attatatgcc ccatgcata aagcaagtac atgacctcta tagcag

46

<210> 5
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 5
taagcaagta catga

15

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<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 6
gcatataagg aagtacatga

20

<210> 7
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

B
Cont'd

<400> 7
cttgatagta tatctattat atattcc

27

<210> 8
<211> 482
<212> DNA
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<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<220>
<223> "n" at various positions throughout the sequence represents
a, t, c or g

<400> 8
gcatataagg aagyacatra yyyctayavy agtacataay rcatayaatt attrayygt 60
catagtacat tatrtcaaay ycatyctyra yarytatyt ayyatatayy ycytnccayt 120
agatcacgag cttaaytacc atgccgcgtg aaaccarcaa cccgctrngc agnggatccc 180
tcttctcgct ccggccccat arayygtggg ggtcgctaty yartgaaytt taycaggcat 240
ctggttcttt cttagggcc atctcatcta aaryrgtcca ttcyttcctc ttaataaga 300
catctcgatg gactaatgrc taatcagccc atgctcacac ataactgtgy tgtcatacat 360
ttggtatattt ttatatttgg gggatgcctg gactcagcta tggccgtcaa aggccctgac 420
ccggagcatc tattttagct ggacttaact gcatcttgag caccagcata atgatargcr 480
482

tg

B cont'd.

<210> 9
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 9
gaggcatttac agtattaaat ttatc

25

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 10
cattaatgtt atgtacattt

20

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<210> 11  
<211> 20  
<212> DNA  
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence:
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 biological matters of Bovine origin

<400> 11
tttcacgcgg catggtaatt

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<210> 12
<211> 20
<212> DNA
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence:
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<400> 12
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<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence:
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 biological matters of Bovine origin

<400> 13
gtcaatqqtc acaaggacata

20

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<210> 14  
<211> 20  
<212> DNA  
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence:
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 biological matters of Bovine origin

<400> 14
attgactttq tttggagtgcc

20

<210> 15
<211> 159

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 15

gagccttatac agtattaaat ttatcaaaaa tcccaataac tcaacacaga atttgacccc 60
taaccaaata ttacaaacac cactagctaa cataacacgc ccatacacag accacagaat 120
gaattaccta cgcaagggt aatgtacata acattaatg 159

<210> 16

<211> 153

<212> DNA

<213> Artificial Sequence

<220>

Bovinal.
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 16

gcatataagg aagtacatga cctctatacg agtacataat acatataatt attgactgta 60
catagtagat tatgtcaaat tcattcttga tagtatatatc attatatatt ccttaccatt 120
agatcacgag cttaattacc atgccgcgtg aaa 153

<210> 17

<211> 265

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 17

atccaatggaa ttttaccagg catctgggtc tttcttcagg gccatctcat ctaaaaacgg 60
ccattctttc ctcttaaata agacatctcg atggactaat ggctaatcag cccatgctca 120
cacataactg tgctgtcata catttggat ttttttattt tggggatgc ttggactcag 180
ctatggccgt caaaggccct gacccggagc atctattgtt gctggactta actgcattt 240
gagcaccaggc ataatgataa gcatg 265

<210> 18

<211> 158

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

<400> 18
gtcaatggtc acaggacata aattatatta tatatcccc cttcataaaa attcccccct 60
taaatatcta ccaccactt taacagactt ttccctagat acttatttaa attttcacg 120
cttcaatac tcaatttagc actccaaaca aagtcaat 158

<210> 19
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
oligonucleotide used for detecting the presence of
biological matters of Bovine origin

B |
Blonde d.
<400> 19
taarccgtgg gggtcgctat ccaat

25